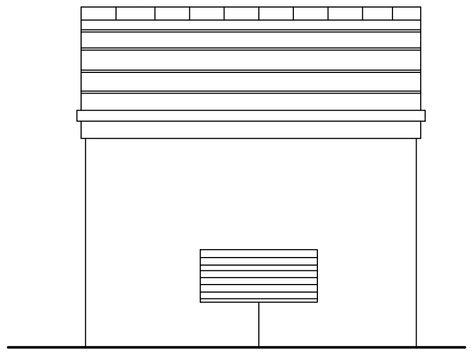
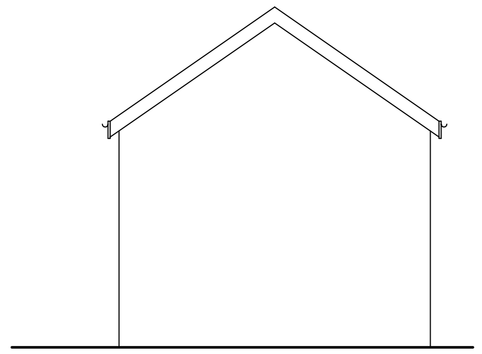


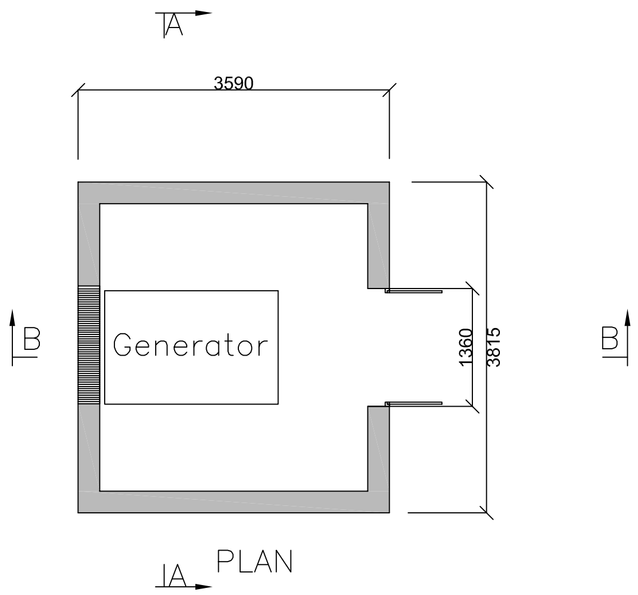
FRONT ELEVATION

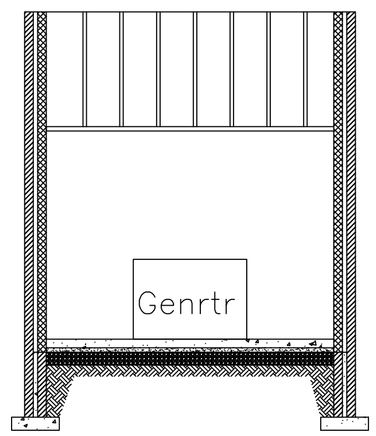


REAR ELEVATION

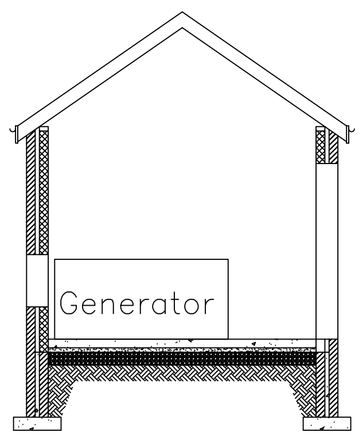


SIDE ELEVATION





SECTION A–A



SECTION B–B

Legend:

General Notes

This drawing should be read in conjunction with all relevant documents including.

-Underpinning details to existing lift shaft MCC67/100-VP 40600 (Curtins)
-General arrangement on new lift MCC67/101-VP 40601 (Curtins)
-Truss support details MCC67/102-VP 40600 (Curtins)
-Asbestos survey report VP4600
-Particular specification for lift replacement at Heathfield Day Centre

To fully understand the scope of the works it is recommended that the building contractor visits the site in the company of
Paul Walker Project engineer 0161 2776 225.
Ian Hedley Project manager 0161 219 6098.
0794 0752 334

Generator Housing

Sub structure
Concrete strip foundation provisional dims 900 deep 600 x 150.
Walls below dpc two seperate leaves of brick or block filled with lean concrete to finished ground level
DPC to be laid in bed joint min 150 above grund level

Solid ground floor slab
Strip all deleterious material, lay 100mm clean compacted hardcore 50mm sand blinding, visqueen DPM
100mm conc base complete with D98 reinforcement mesh
Allow for ducting for electric supply cable from generator to lift in main building.

External wall above DPC
Two separate leaves laid on mortar, external leaf 102mm brick sympathetic to existing.Internal 100mm concrete block jointed as work proceeds
Lintols to be suitably sized catnic or similar approved
Where cavity is bridged with air duct meter box etc cavity tray to be inserted with necessary weep holes

Doors
Double doors each door louvred
Ventilation grill, exhaust duct to installed to rear of generator in accordance with generator manufacturer instructions

Roof
Pitch to match main roof of main building
47mm x 150mm rafter @450 c/c fixed on 100 x 50 soft wood wall plate
Wall plate to be restrained at 1500c/c with galvanise mild steel straps

Breather membrabne fitted over rafters and secured with tile battens 50mm x 25mm preservative treated

Roof covering concrete tiles to match existing laid and lapped an fixed as recommended by manufacturer

Soffit and fascia 19mm exterior grade WBP bonded exterior ply

Drainage
100mm dia PVCu half round gutter connected to 68mm dia PVCu rainwater pipe to be taken below gully grate level. Branch new drain into existing 100mm PVCu laid to min fall 1:40 Laid in bedding and back filled in accordance with Approved D

Excavate trench for the placement of 100mm ducting to accommodate cable runs from the generator to the lift in main building Allow for 48m 700mm x 300mm, back fill and make good to

Rev	Description	By	Date

Capital Programme Division
Corporate Technical Services
4th floor , Heron House
47 Lloyd St, Manchester
M2 5LE
Tel: 0161 219 6500
FAX: 0161 219 6501

JOB TITLE	DRAWING TITLE
Heathfield Rescource Centre Fire evacuation lift	Generator Housing
JOB NO.	DRAWING NO.
VP40600	01

DATE	SCALE	DRAWN	REVISION
August 2013	1:50	IH	

MANCHESTER CITY COUNCIL